1. DevOps Tools and it’s Purposes

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| Tool | Version | Purpose |
| Git | 2.46.2. | Used for the version Controlling |
| Jenkins | 2.255.47 | CI/CD automation for build & deployment |
| Docker | 27.4.0 | Containerizing of the application |
| Kubernetes | latest | Orchestration of containers |
| Terraform | latest | VMs provising |
| Ansible | latest | Configuration management & automation |
| DockerHub | 27.4.0 | Store the images |

1. Application Tools & Dependencies

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| Tool | Version | Purpose |
| NodeJs | v18.20.4 | Backend Server runtime for building server side applications. |
| ExpressJs | 4.18.2 | Backend web frame work for nodejs |
| ReactJs | 18.2.0 | Frontend UI |
| MongoDb | 6.8 | Database |